Test 4 Exam

Exam : CCNP EXAM 642-902

Title : Implementing Cisco IP Routing

Version : Demo

Question: 1

An engineer wants to redistribute OSPF into EIGRP. They log in to the boarder router that runs bothSPF and EIGRP and execute the following commands:

Router(config)#router eigrp 100

Router(config-router)#redistribute ospf 2

Router(config-router)#end

Router#

Unfortunately, this did no cause OSPF routes to redistribute into EIGRP. What is likely the problem? Choose two

A. EIGRP needs to be configured with default metric values before it will redistribute OSFP.

B. OSPF cannot be redistributed into EIGRP.

C. OSPF must first be redistributed into static routes prior to being redistributed into EIGRP.

D. The OSPF process ID is something other than 2.

Answer: A, D

Question: 2

How many metrics are associated with EIGRP for each route?

A. 3

B. 4

C. 7

D. 5

Answer: D

Question: 3

Which of the following can you do to express an IPv6 address as efficiently as possible? (Select 2 choices.)

A. Replace every four-character group of zeros with double colons.

B. Remove leading and trailing zeros from each four-character group.

C. Remove only leading zeros from each four-character group.

D. Remove only trailing zeros from each four-character group.

E. Replace only one four-character group of zeros with a double colon.

F. Replace one or more contiguous four-character groups of zeros with a double colon.

Answer: C, F

Question: 4

When configuring EIGRP on new WAN technologies such as an MPLS VPN or Metro Ethemet, it is important that an engineer understand what layer of the OSI model these technologies function on to Determine how EIGRP will form neighbor relationships. From the choices below, choose the proper OSllayer each WAN technology runs on. Choose two.

A. MPLS VPN is a layer 2 technology

B. Metro Ethernet is a layer 2 technology

C. MPLS VPN is a layer 3 technology

D. Metro Ethernet is a layer 3 technology

E. MPLS VPN is a layer 4 technology

Answer: B, C

Question: 5

Which command would display OSPF parameters such as filters, default metric, maximum paths, and number of areas configured on a router?

A. show ip protocol

B. show ip route

C. show ip ospf interface

D. show ip ospf

E. show ip interface

F. None of the other alternatives apply

Answer: A

Explanation:

The “show ip protocol” command displays values about routing timers and network information associated with the entire router. This includes, the AS number associated with the routing process, number of areas configured on the router, the metric, and the maximum paths.